

Title (en)  
Security laminate

Title (de)  
Sicherheitslaminat

Title (fr)  
Stratifié de sécurité

Publication  
**EP 1134091 A1 20010919 (EN)**

Application  
**EP 00308623 A 20000929**

Priority  
US 51511700 A 20000229

Abstract (en)  
A laminate (10) for providing a measure of security against counterfeiting of valuable documents. The laminate (10) includes a base layer (12) and first and second outer layers (14, 16) bonded to opposite sides of the base layer (12) with an adhesive. The base layer (12) includes a plurality of flow-through holes (20) that allow the adhesive to directly bond the first and second outer layers (14, 16) to one another. The flow-through holes (20) are spaced from one another such that an attempt to peel one of the outer layers (14, 16) from the base layer (12) will result in the base layer (12) being torn between adjacent holes, rendering the base layer (12) unfit for re-use. A method of making the laminate (10) is also disclosed. To form the laminate (10), the first outer layer (14) is first bonded to one side of the base layer (12). The plurality of flow through holes are then drilled into the base layer (12) using one or more laser drills. The second outer layer (16) is then bonded to the base layer (12) opposite the first outer layer (14). <IMAGE>

IPC 1-7  
**B42D 15/00**; **B42D 15/10**; **B32B 3/24**; **B32B 29/00**; **B32B 27/36**

IPC 8 full level  
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Citation (search report)  
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